

Hybrid Wind & Solar Planik

120 MW Hybrid Renewable Energy Project

Bileca, Republika Srpska | Bosnia & Herzegovina
Ready-to-Build Hybrid Utility-Scale Renewable Asset

120 MW Total Hybrid Capacity	235 GWh Annual Energy Output	€115–124M Estimated CAPEX	€15M Asking Price (SPV)	80 MW AC Solar PV Capacity	36 MW Wind Farm Capacity	32.3% Wind Capacity Factor	RTB Solar Permit Status
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PROJECT OVERVIEW

Location: Municipality of Bileca, Republika Srpska, Bosnia and Herzegovina

Solar PV Plant: 80 MW AC (94.3 MWp DC) — fully permitted, Ready-to-Build

Wind Farm: 6 x 6.0 MW Goldwind turbines (36 MW total) — advanced development, RTB targeted Q1 2026

Grid: 35/400 kV substation with 3 x 50 MVA transformers

ENERGY PRODUCTION

Source	Annual Output
Wind	100–102 GWh/yr
Solar	123–138 GWh/yr
Total Hybrid	235 GWh/yr

WIND RESOURCE

On-site mast data collected Jul 2023 – Sep 2024. Professional yield assessment (windPRO) completed. P50 output approximately **113 GWh/yr** for the 36 MW wind farm.

PROJECT STATUS

- ✓ Concession agreements executed for both solar and wind projects
- ✓ Land rights secured via long-term state lease and private landowner agreements
- ✓ Location Conditions issued for Solar, Wind, and 400/35 kV substation
- ✓ Spatial planning compliance confirmed
- ✓ Solar main design completed; construction permit obtained
- ✓ Grid capacity confirmed by Independent System Operator of BiH
- ✓ Wind on-site measurement campaign completed (Jul 2023 – Sep 2024)
- ✓ Professional yield assessment (windPRO) completed
- ~ Wind & substation main design in final stage
- ~ Wind RTB targeted Q1 2026

CAPITAL INVESTMENT

Component	CAPEX
Wind Power Plant	€36 million
Solar Power Plant	€50 million
Grid & Substation	€15 million
Total CAPEX	€115–120M*

TRANSACTION OVERVIEW

Structure	Share Purchase (100% SPV equity)
Asking Price	€15 million
Solar Status	Ready-to-Build (fully permitted)
Wind Status	Advanced development; RTB targeted

INVESTMENT HIGHLIGHTS

- Hybrid structure enhances revenue stability and mitigates merchant risk
- Grid connection capacity secured at 35/400 kV
- Strong wind & solar resources supported by on-site measurements
- Low development risk — solar fully permitted and ready to build
- Strategic location in Republika Srpska, BiH with EU energy market access
- Complementary generation profiles maximise grid output year-round
- Concession and land rights fully secured
- Experienced development team with proven regional track record

